

ABSTRACT OF THE DISCLOSURE

An electronic security scheme and security system for a communications network facilitates the preventing of unauthorized access to an internal resource of an entity's internal computer system. A server includes a first set of ports for communication between an external communications network and the server. The server has a second set of ports for communications between an internal communications network and the server. A first firewall is interposed between the server and the external communications network. The first firewall is coupled to the first set of ports to provide at least one interconnection between the first set of ports and the external communications network. A second firewall is interposed between the server and the internal communications network. In one embodiment, the second firewall is coupled to the second set of ports to provide in a nonnegative integer number of interconnections between the second of set ports and the internal communications network.